

# Ultraflexible substrates

 Tsuyoshi Sekitani\*  Takafumi Uemura

Updated date: Jan 20, 2022

\*For correspondence: [sekitani@sanken.osaka-u.ac.jp](mailto:sekitani@sanken.osaka-u.ac.jp)



An abbreviated version of this protocol was published in Nature Communications in Apr 2021

Imperceptible energy harvesting device and biomedical sensor based on ultraflexible ferroelectric transducers and organic diodes

DOI: [10.1038/s41467-021-22663-6](https://doi.org/10.1038/s41467-021-22663-6)

## Detailed protocol

Thank you for your question.

In this study, we used LABCOTER 2 - Model PDS 2010 from SPECIALTY COATING SYSTEMS, INC.

And we used 1 g of raw material to make 1 um thickness.

**How to cite:** (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Sekitani, T. and Uemura, T. (2022). Ultraflexible substrates. Bio-protocol Preprint. [bio-protocol.org/preprint1511](https://bio-protocol.org/preprint1511).
2. Petritz, A., Karner-Petritz, E., Uemura, T., Schäffner, P., Araki, T., Stadlober, B. and Sekitani, T. (2021). Imperceptible energy harvesting device and biomedical sensor based on ultraflexible ferroelectric transducers and organic diodes. Nature Communications 0(0). DOI: [10.1038/s41467-021-22663-6](https://doi.org/10.1038/s41467-021-22663-6)

**Copyright:** Content may be subjected to copyright.